

20030622.qrp v02_n959.qrl.20030622

Date: Sun, 22 Jun 2003 19:03:12 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2959

QRP-L Digest 2959

Topics covered in this issue include:

- 1) [152700] OT: MC724P
by "Ian Wilson" <ianmwilson@earthlink.net>
- 2) [152701] Re: MC724P
by "Thomas Kuehl" <ac7a@earthlink.net>
- 3) [152702] Re: OT: MC724P
by Ed Tanton <n4xy@earthlink.net>
- 4) [152703] ARRL.NET
by Karl Larsen <k5di@msn.com>
- 5) [152704] Re: ARRL.NET
by "res075cz" <res075cz@gte.net>
- 6) [152705] Re: Heil Quiet Phone
by "Hugo W. Catta" <hugo@optonline.net>
- 7) [152706] Re: Heil Quiet Phone
by "Hugo W. Catta" <hugo@optonline.net>
- 8) [152707] June 2003 NJQRP meeting
by "Joe Everhart" <n2cx@voicenet.com>
- 9) [152708] NJQRP FD with the Sarnoff Group
by "Joe Everhart" <n2cx@voicenet.com>
- 10) [152709] It was a tough week!!
by "Jerry Ford" <benlightnd13@mchsi.com>
- 11) [152710] my GAP Titan...
by Bruce Rattray <rattray@gpfn.sk.ca>
- 12) [152711] Melt Solder's AT Sprint
by Lee Mairs <lmairs@direcway.com>
- 13) [152712] Re: OT: MC724P
by Ed Tanton <n4xy@earthlink.net>
- 14) [152713] Fox: Reminder N0IT Fox Sunday Night 2200Z 14055 Mhz
by "Dave Sjolin" <sjolin@swbell.net>
- 15) [152714] found antenna tuner
by James Crofutt <crokc@comcast.net>
- 16) [152715] The day couldn't have been much better - QRP on the Applachian Trail
at Woody Gap GA with the AT Sprint rig
by "Sam Billingsley" <sambillingsley@earthlink.net>
- 17) [152716] Re: MC724P
by "Leon Heller" <leon_heller@hotmail.com>
- 18) [152717] ARS Growing Pains
by "John Huffman" <hjohnc@core.com>

- 19) [152718] 6 Meter Setup
by Joseph Mikuckis <k3chp@rcn.com>
- 20) [152719] RE: my GAP Titan...
by "Mike Mellinger WA0SXV" <wa0sxv@mellinger.com>
- 21) [152720] QRP+/QRP++ new Eprom..a couple of reports of freq readout error.
by ve3ab@mail.mondenet.com
- 22) [152721] Fox hunt conditions
by Karl Larsen <k5di@msn.com>
- 23) [152722] QRP, FD & on-the-road
by "Nils R. Young" <nilsbull@juno.com>
- 24) [152723] Force 12 Vertical Question
by "Mark" <rburton2@midsouth.rr.com>
- 25) [152724] RE: ARRL article on Broadband over Power Line
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 26) [152725] RE: Broadband on Pwr lines but no space for Amateur LF ?
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 27) [152726] RE: ARRL article on Broadband over Power Line available on the ARRL
page
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 28) [152727] Re: Force 12 Vertical Question
by "George, W5YR" <w5yr@att.net>
- 29) [152728] F/S Icom IC-T90A, Like New
by "Rod N0RC" <rod@n0rc.us>
- 30) [152729] RE: MC724P
by "Ian Wilson" <ianmwilson@earthlink.net>
- 31) [152730] New 5 MHz freq and antennas
by Karl Larsen <k5di@msn.com>
- 32) [152731] Re: Broadband on Pwr lines but no space for Amateur LF ?
by Alex <kr1st@amsat.org>
- 33) [152732] Truffle / Fox Hunts
by "Jerry Ford" <benlightnd13@mchsi.com>
- 34) [152733]
by "Emmerson Bigguns" <n8ie@woh.rr.com>
- 35) [152734] Re: [152659] Re: QRP windmill
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 36) [152735] Our International QRP Day story
by <G0BPS@clara.co.uk>
- 37) [152736] Fox: Todays hunt
by Karl Larsen <k5di@msn.com>
- 38) [152737] Lots of QRM
by "Jerry Ford" <benlightnd13@mchsi.com>
- 39) [152738] First Truffle log
by "Jerry Ford" <benlightnd13@mchsi.com>
- 40) [152739] OT: I've got a virus and can't get rid of it--HELP!
by Mark Fields <mark_ke5my@juno.com>
- 41) [152740] Re: New 5 MHz freq and antennas
by "Joe Roof" <jroof@mindspring.com>
- 42) [152741] Fox: Got 1 and the truffle

by Karl Larsen <k5di@msn.com>
43) [152742] FOX spots
by "Doc K0EVZ" <dock0evz@earthlink.net>
44) [152743] Re: I've got a virus and can't get rid of it--HELP!
by "Michael Melland" <w9wis@charter.net>
45) [152744] This afternoon
by Michael Taddeo <mike.taddeo@shaw.ca>

Date: Sat, 21 Jun 2003 16:30:22 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [152700] OT: MC724P
Message-ID: <000701c3384d\$194e6070\$1002a8c0@TrabucoIan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

There are some of these in a grab box of semiconductor stuff that I
found today -
anyone have data on it?

72/3 de ian, K3IMW/6

Date: Sat, 21 Jun 2003 16:43:36 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [152701] Re: MC724P
Message-ID: <000901c3384e\$ef745910\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ian,

MC724P: Motorola RTL, Quad 2-input NOR gate.

Old stuff from the 60's or early 70's.

Regards, Thomas - AC7A (Tucson)

----- Original Message -----

From: "Ian Wilson" <ianmwilson@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, June 21, 2003 4:30 PM

Subject: OT: MC724P

> There are some of these in a grab box of semiconductor stuff that I
> found today -
> anyone have data on it?
>
> 72/3 de ian, K3IMW/6
>
>
>
>
>

Date: Sat, 21 Jun 2003 19:44:12 -0400

From: Ed Tanton <n4xy@earthlink.net>

To: <ianmwilson@earthlink.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [152702] Re: OT: MC724P

Message-ID: <5.2.1.1.2.20030621194246.029af528@pop.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Ian... it's a Quad 2-Input NAND (RTL). They are used in Drake 4-series
crystal calibrators, and fairly difficult to come by.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail

Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Sat, 21 Jun 2003 17:50:14 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-l@lehigh.edu
Subject: [152703] ARRL.NET
Message-ID: <Pine.LNX.4.44.0306211745550.1283-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey guys have no idea what happened but I was getting 15-20 scam
messages addressed to my address k5di AT arrl.net. But suddenly I am
getting none!

I tested it and it's still working. So it's sure good news.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 21 Jun 2003 19:02:05 -0500
From: "res075cz" <res075cz@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [152704] Re: ARRL.NET
Message-ID: <016601c33851\$8490e2a0\$ed7f3f04@dslverizon.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, Karl, I must be getting all of yours because I have an increase in junk mail addressed to my ARRL address. Please take them back.

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt (E-9), USAF, Ret., San Angelo, TX
Ham for over 60 yrs. 80% CW, 10 % digital, 10 % phone.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

----- Original Message -----

From: "Karl Larsen" <k5di@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 21, 2003 18:50 PM
Subject: ARRL.NET

>
> Hey guys have no idea what happened but I was getting 15-20 scam
> messages addressed to my address k5di AT arrl.net. But suddenly I am
> getting none!
>
> I tested it and it's still working. So it's sure good news.
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>

Date: Sat, 21 Jun 2003 21:06:59 -0400
From: "Hugo W. Catta" <hugo@optonline.net>
To: 42hotrodz@sbcglobal.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152705] Re: Heil Quiet Phone
Message-ID: <007e01c3385a\$95a31190\$0200a8c0@dell2000>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

----- Original Message -----

From: "Rod Hotz" <42hotrodz@sbcglobal.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 21, 2003 7:18 AM
Subject: Heil Quiet Phone

> Wonder if anyone is using or has tried a pair of Bob Heil's Quiet Phone
> headphones. If so, I'd greatly appreciate if you'd share your candid
> comments with me direct.
>
> Many thanks...72,
>
> Rod
> K5BGB
>
>
>

Date: Sat, 21 Jun 2003 21:10:55 -0400
From: "Hugo W. Catta" <hugo@optonline.net>
To: 42hotrodz@sbcglobal.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152706] Re: Heil Quiet Phone
Message-ID: <008901c3385b\$22a4c930\$0200a8c0@dell2000>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Why not share with the group ?
I'm sure it is an interesting accesory.

VY 72 DE
AA1XV

----- Original Message -----

From: "Rod Hotz" <42hotrodz@sbcglobal.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 21, 2003 7:18 AM
Subject: Heil Quiet Phone

> Wonder if anyone is using or has tried a pair of Bob Heil's Quiet Phone
> headphones. If so, I'd greatly appreciate if you'd share your candid
> comments with me direct.
>
> Many thanks...72,
>
> Rod
> K5BGB
>
>
>

Date: Sat, 21 Jun 2003 22:09:05 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: "njqrp" <njqrp@njqrp.org>
Cc: "qrpl" <qrpl@lehigh.edu>
Subject: [152707] June 2003 NJQRP meeting
Message-ID: <000701c33863\$5ba89b00\$af3067cf@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group,

We held the more-or-less monthly meeting today in the usual spot
in the Forrestal Center in Princeton, NJ.

Those who signed the attendance sheet were:

Tony - W2GUM
Bryan - AA3WM
Benjamin - AA3WM
Erwin - W2FTN
Marc - N2UO
Lenny - W2BVH
Larry - WA2DGD
David - N0YMV
Mario - N2AK
Ted - W2TAG
Frank - K2PQ
Ed - K2MGM
Ken - W2GIW
Gary - K2GW
Nick Frigo (no license yet)

Densi - AB2PD
Doug KA2UPW
David AD2A

If anyone remembers other attendees please let us know.

Per the usual non-format we had no formal agenda, however folks did bring along goodies to show off and brag about.

David AA2A had some Manhattan projects that he has crafted. He is becoming quite an expert at this! While he is quite modest his efforts are very noteworthy.

Tony, W2GUM is now becoming involved with RC controlled boats! He had some very professional-looking examples of his metalwork. That min-machine shop of his is really getting a workout.

Someone else had a rig to show off - an FT897 if I'm not mistaken with an LDG tuner attached to the side. Looks like a neat package.

Joe N2CX (me) showed off his melt solder acquisitions, at AT Sprint and Tenna Tuner. The group loved both but expressed reluctance at tackling the surface mount AT! OTOH I think they were impressed by the Tenna Tuner.

There was also some discussion of results folks have had in the northeast with WWVB "atomic clock" reception and syncing. Most who have them are able to find some place in the house where they can achieve sync though often it's during the wee hours of the night when propagation is best and local electrical noise is the lowest.

There was also a handout and question and answer period on the recent merger of functions by NJQRP and NorCal to form the AmQRP. Response was overwhelmingly positive!

There was also interest expressed in an outdoor meeting. Tony W2GUM suggested that perhaps for the QRP Afield (or is it To The Field) operating event we set up on Sandy Hook as had been done several years back. Another possibility is to return to Van Nest park in Historic Groves Mill. We will be polling folks as September gets close to gauge the level of interest in having such a meeting and which location is preferable.

Joe, N2CX
for the NJQRP club

Date: Sat, 21 Jun 2003 22:16:50 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: "njqrp" <njqrp@njqrp.org>
Cc: "qrpl" <qrpl@lehigh.edu>
Subject: [152708] NJQRP FD with the Sarnoff Group
Message-ID: <000d01c33864\$581a27a0\$af3067cf@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group,

One more thing....

David N0YMV reminded the NJQRP'ers that they are most welcome to visit the Sarnoff Radio Club at their Field Day site on the grounds of Sarnoff labs next weekend.

NJQRP will not be having a separate presence in Field Day this year so this a most welcome invitation. David mentions that it will be a rather informal activity but operators are invited to come out and make some contacts and bring their own gear to set up and get radio-active. It's a good chance to get your feet wet so to speak (or literally, if the weather doesn't improve...) in a low pressure operating event.

And even if you don't operate, come on out and help set up or try your and at logging to become familiar with the activity.

Some rough idea of times to help set up and directions will be sent out later this week.

72/73,

Joe E., N2CX

Date: Sat, 21 Jun 2003 20:40:36 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrpl" <qrpl@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [152709] It was a tough week!!
Message-ID: <00d501c3385f\$47bfb320\$0077da0c@mchsi.com>

Ok, it was tough but it's over. Nothing I would like better than

to ragchew with a few piggie friends.

Listening on 7.044

72 00 Jerry NOJRN
FP # 546, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &
40, Tiny Tornado 20, 30, 40, 80, SMK - 1
and so on and so on

Date: Sat, 21 Jun 2003 20:36:28 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [152710] my GAP Titan...
Message-ID: <Pine.LNX.4.33.0306212023350.14790-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

We've had some very strong winds here lately and yesterday was no exception with a reported 97 kph winds...Mother Nature sure cleaned all her trees by the looks of branches, mostly small but some approaching larger sizes too...

...I was looking out at our backyard where my GAP Titan is ground mounted close to our house this afternoon...I mounted it here temporarily last Fall and it will be moved to our garage roof before the next winter sets in...I realized that the Titan had quite a curve to it that suggested it had been bent by the winds, guys and all...

...so an up-close view showed that the antenna was not bent but was caught at the top by the branches of a nearby tree...apparently during the wind storm the antenna top had become entangled in the tree branch with the tree branches being thrashed about...it took some "wiggling" of the Titan but eventually it became dis-entangled from the tree branch...so it appears to be a tough antenna but I'm glad I'm moving it to the garage roof top where it will be guyed as well...

...byw I've been looking for an e-mail that talked about tuning a GAP Titan and no luck so far...any "pointers" to it would be appreciated...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -

"QRP! How sweet it is!"

"I am da man wit "DAH" paddle!"

Date: Sat, 21 Jun 2003 22:36:30 -0400
From: Lee Mairs <lmairs@direcway.com>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [152711] Melt Solder's AT Sprint
Message-ID: <001301c33867\$1a9e1320\$3b6d020a@boomer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Anyone having second thoughts about putting one of these guys together,
please give me a shout.

I'd like to find one to try and build for myself.
73 de Lee
km4yy/8

Date: Sat, 21 Jun 2003 23:53:05 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-1@lehigh.edu>
Subject: [152712] Re: OT: MC724P
Message-ID: <5.2.1.1.2.20030621233944.0294ab40@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well Darn! Gary, K40AH pointed out the error of my ways: the R4B does use
RTL:... it's just NOT an MC724, and it IS a uA923s... an RTL F-F. I don't
know how I figured that was where the MC724P belonged. I guess their shared
RTL family. Another case of creeping senility, I suppose.

The MC724 IS an RTL Quad 2-Input NAND, just not what is used in the R4-B
(nor the R4-C... which uses-Gary said-a much easier to find SN7473 TTL.)

Thanks Gary-at least I can be consoled that, while I got the usage wrong, I
DO have-for spares (and they do seem to fail a bit more than other ICs...
maybe it's just that they are much more difficult to get)-a couple of the
uA923 ICs that the R4-B calibrator actually DOES use.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 21 Jun 2003 23:15:23 -0500
From: "Dave Sjolín" <sjolin@swbell.net>
To: "Qrp-l Reflector" <qrp-l@Lehigh.EDU>
Subject: [152713] Fox: Reminder N0IT Fox Sunday Night 2200Z 14055 Mhz
Message-ID: <075c01c33874\$e75d5080\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a reminder that N0IT will again serve as one of the FOX stations Sunday
night.

I will operate around 14.055 MHz. At first I will be listening up about 1
KHz. As the pileup thins out, I will begin listening for stations on or very
near my transmit frequency.

The rig will be a Kenwood TS-940S running 5 watts. The antenna will be a Cushcraft R5 vertical.

Looking forward to working even more of you than last time, including more of you at short distances. Give a listen for me and AC7A between 2200-2329Z Sunday evening.

73 de Dave, N0IT (St. Louis, MO)

Date: Sun, 22 Jun 2003 00:59:00 -0500
From: James Crofutt <crokc@comcast.net>
To: qrp-l@Lehigh.EDU
Subject: [152714] found antenna tuner
Message-ID: <014101c33883\$60c48930\$6401a8c0@Grumpy>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Thanks to Steve WB0QQT, I found the tuner I was looking for , still need the OHR W-2 wattmeter,
73 Jim (N0XE)

Date: Sun, 22 Jun 2003 02:59:42 -0400
From: "Sam Billingsley" <sambillingsley@earthlink.net>
To: <ATRAIL@yahooogroups.com>, <qrp-l@lehigh.edu>
Cc: <nogaqrp@mailman.qth.net>
Subject: [152715] The day couldn't have been much better - QRP on the Applachian Trail at Woody Gap GA with the AT Sprint rig
Message-ID: <002001c3388b\$dbba38d0\$6401a8c0@BIGBOX>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

1st day of Summer = Sunny, Warm (80+), slight breezeQRP on the AT..... priceless

Thanks to all for the QSOs in 11 states on three bands (40/30/20). The QSO count was lower than expected but was made up by the quality of the contacts

made.

My long awaited field trial of the AT Spring rig (designed and kitted by Steve Webber KD1JV "melt solder fame") went about as well as possible.

30 meters was the majority band with 20 mtrs followed by 40 mtrs. No doubt the early time for day played a part in this.

I used a W3EDP 87 ft inverted L end fed wire antenna with 33 ft ground counterpoise wire with my homebrew antenna L-coupler (see my web site for details at <http://www.qsl.net/ae4gx/ATLTuner.htm>).

All that made a special comment on quality stated that the rig sounded "GREAT".

All in all, a 3 oz. shirt pocket, three band rig that can be truly used for serious backpacking or travel was a huge success for me. I'm looking forward to a real over nighter next. Of course I will take it to the NOGA field day activities coming up in a few weeks.

Thanks Steve for making it real.

Sam Billingsley AE4GX
North Georgia QRP Club

Date: Sun, 22 Jun 2003 07:12:05 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [152716] Re: MC724P
Message-ID: <Law15-F494mdcUTkTmz00071ec5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Thomas Kuehl" <ac7a@earthlink.net>
>Reply-To: "Thomas Kuehl" <ac7a@earthlink.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: MC724P
>Date: Sat, 21 Jun 2003 16:43:36 -0700
>
>Ian,
>
>MC724P: Motorola RTL, Quad 2-input NOR gate.

>

>Old stuff from the 60's or early 70's.

RTL (resistor-transistor logic) - the first IC logic family. 3V supply, take lots of current. They were very slow by today's standards. Marconi actually built a mini-computer with them - the Myriad. It was still being used by Saudi air-traffic control 20 years ago, I've been told by someone who was in the RAF out there!

I remember playing with them when they first came out, in the 60s. They were made first by Fairchild, and came in T0-5-size plastic or metal packages. I actually built a counter with them, with four lamps (no LEDs then) for each decade displaying BCD. Great fun!

They were quite popular with hams at the time, and all sorts of weird and wonderful applications were floating around. People were using them for things like amplifiers, biasing them into linear operation. IIRC one or two QRP transmitters were developed.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

Sign-up for a FREE BT Broadband connection today!

<http://www.msn.co.uk/specials/btbroadband>

Date: Sun, 22 Jun 2003 06:11:30 -0400

From: "John Huffman" <hjohnc@core.com>

To: <adventureradiosociety-announcements@mailman.qth.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [152717] ARS Growing Pains

Message-ID: <007f01c338a6\$a7773580\$c0075dd8@jhuffman1t>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Growing Pains -

Adventure Radio Society has outgrown the web space at our current Internet host and is in the process of transferring the web site to a new, expanded site.

The current site will be lost around June 23. The new site should be up and running around the first week of July.

Please bear with us during this transition. As soon as the new site is up and running, we'll post a message with the new address.

We plan to have the autolog going in time for the July Spartan Sprint.

73 de the Staff,
Adventure Radio Society

Date: Sun, 22 Jun 2003 06:55:12 -0400
From: Joseph Mikuckis <k3chp@rcn.com>
To: QRP-L Mailing List <qrp-l@lehigh.edu>
Subject: [152718] 6 Meter Setup
Message-ID: <3EF58B10.362B2990@rcn.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When 6-meter band is open, you can get by with a very modest setup. As an example, I have worked 11 countries and 28 states with an attic Halo and 5 watts on both, SSB and CW modes. The biggest trick is to catch a band opening which is somewhat unpredictable but by being so contributes to more fun and excitement. A beam, of course, would be a vast improvement.

Joe, K3CHP
Frederica, DE

Date: Sun, 22 Jun 2003 06:00:47 -0600
From: "Mike Mellinger WA0SXV" <wa0sxv@mellinger.com>
To: <qrp-l@lehigh.edu>
Subject: [152719] RE: my GAP Titan...
Message-ID: <507A236EF18F804F8E696F22F0CB670C25518A@davandy-srvr.davandy.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

<http://www.wa0sxv.us/titandx.html>

Mike WA0SXV

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Bruce Rattray

Sent: Saturday, June 21, 2003 20:36

To: Low Power Amateur Radio Discussion

Subject: my GAP Titan...

We've had some very strong winds here lately and yesterday was no exception with a reported 97 kph winds...Mother Nature sure cleaned all her trees by the looks of branches, mostly small but some approaching larger sizes too...

...I was looking out at our backyard where my GAP Titan is ground mounted close to our house this afternoon...I mounted it here temporarily last Fall and it will be moved to our garage roof before the next winter sets in...I realized that the Titan had quite a curve to it that suggested it had been bent by the winds, guys and all...

...so an up-close view showed that the antenna was not bent but was caught at the top by the branches of a nearby tree...apparently during the wind storm the antenna top had become entangled in the tree branch with the tree branches being thrashed about...it took some "wiggling" of the Titan but eventually it became dis-entangled from the tree branch...so it appears to be a tough antenna but I'm glad I'm moving it to the garage roof top where it will be guyed as well...

...byw I've been looking for an e-mail that talked about tuning a GAP Titan and no luck so far...any "pointers" to it would be appreciated...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 22 Jun 2003 08:07:12 +0000

From: ve3ab@mail.mondenet.com

To: qrp-l@lehigh.edu

Subject: [152720] QRP+/QRP++ new Eprom..a couple of reports of freq readout error.

Message-ID: <200306221207.h5MC7Ee0001280@barclay.mondenet.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

There is a small fly in the ointment with the new EPROMs I have been sending out to QRP+ and QRP++ owners. There have been 3 reported cases of slight errors (up to as much as 600 hz) in frequency readout of the rigs (INDEX LABS) rig.

One fellow solved the problem himself. He had the latest version of the software (QRP++ (software rev 4D)..he enlisted the help of a local ham and with a programmer ..they made a copy of the actual chip in his rig (with the freq unlock code modification)..It worked for him. The Eeprom I had sent him was using code from a 700 series QRP++ and I guess it had some affect on the freq readout.

I have made a POST about this on the EMTECH QRP+ website as well.

This website doesnt seem to get much use. Maybe no one knows about it! URL is: <http://emtech.steadynet.com/qrpplus/bboard.mv?module=login>

I would think..any freq readout would be repeatable. On 60 meters..you could make a chart of the readout on each channel and use it to ensure you are exactly on the correct frequency.

This is a work around solution..though. Perhaps someone knows a few solutions that would work properly and give a permenent fix.

IF SO ..please let us know!-- I will look at the circuitry myself and see if there is any way to tweak the freq readout (adjust it) to be it alignment with the actual transmit freq.

73 Earl VE3AB

Date: Sun, 22 Jun 2003 06:15:42 -0600 (MDT)

From: Karl Larsen <k5di@msn.com>

To: qrp-l@lehigh.edu

Subject: [152721] Fox hunt conditions

Message-ID: <Pine.LNX.4.44.0306220610590.1279-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

The numbers today look pretty good. The Flux is 115, A is 26 and K is just 3. Good numbers would be Flux 115 A=3 K=1. The A of 26 can mean that short skip will be non-existent, but I hope for some propagation between Tucson AZ and Las Cruces, NM.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 22 Jun 2003 09:17:32 -0400
From: "Nils R. Young" <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [152722] QRP, FD & on-the-road
Message-ID: <20030622.091849.-282989.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Y'all,

I gotta find some time between Cindy's chores today to try out the mobile/portable station set-up 'fore we go on vacation next week. Leaving the tiger tribe in charge, with visits from co-workers, family & the folks run the dry-cleaners across the street. Still trying to figure out why all these new radios come with a mic hose that ends in a RJ45 plug instead of something reasonable.

Yeah, yeah, I know: surface mount.

And I discovered early this week that the Extree class license no longer comes on a fancy piece of diploma-lookin' paper like it did in 1973 when I took the Advanced test. Kinda a bummer, you know? And no, I don't wanna hear the arguments about dumbing-down and CW & all that other hoo-hah. So . . .

Many years ago, back when I was probably still in high school, Dad got a big package of samples from Goes Lithographing in Chicago. It was one of the things my sister didn't trash in the first 24-hours after Dad died just before Christmas 21 years ago come next December. I found it (and two old type foundry catalogs) while cleaning out stuff before . . . well, it's a long story.

So I dragged sample #754 onto my scanner, made a PSD file off it, got into my expansive font library & made my own dagnab Extree class license certificate. Better even 'n the one the league gives you for a couple pieces of petty-cash & change. Now all I gotta do is get it mounted (I should've used the classic laid parchment with the water marks but I'm too lazy any more to remember where I got it stashed) & put in a frame.

Which gets me back to vacation: I know there's a Grand Strand radio club & a hamfest down by Myrtle Beach in November. But it ain't November & I've already done the hajj for this year at Dayton. And I know there's that gang of loonies gets on the air early up every morning & plays around on 70cm, working tropo or something. Who knows? Maybe I'll run

into some of this list's subbers during our stay & visitation this year.

Cindy sent me out yesterday to get the oil changed in her Accord. When I picked her up from her volunteer job at a local historical park, she also noticed that I'd stuck a 2m antenna mount on the trunk lip. I don't know how I'm gonna get the 6m mount on there without her seein' me do it. Maybe she'll send me out to get groceries or something . . .

So maybe see some of y'all week after next, eh?

73

Nils

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
-- <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>
--

"The island is closer than your memories are." -- Ian G. Bull Young, 15
Feb 2002

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 22 Jun 2003 08:54:42 -0500
From: "Mark" <rburton2@midsouth.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152723] Force 12 Vertical Question
Message-ID: <004201c338c5\$d546b700\$6601a8c0@markbob2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

I live in a restricted community. I run QRP with a 40 and a 20 meter dipole. I would like to buy an antenna that will allow me to operate on more of the bands.

I am intrigued by the Force 12 Sigma 40XK (rebuild for each band change) and the Force 12 Sigma 5.

I have never heard anyone on the air with either. Any opinions out there on performance and quality of construction? Force 12 or Gap?

Thank you,

Mark

Date: Sun, 22 Jun 2003 09:54:56 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [152724] RE: ARRL article on Broadband over Power Line
Message-ID: <721D3436A7C2B344A301FD4A413C71A901735458@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The videos with sound recordings made in Austria are at:

<http://www.arrl.org/tis/info/HTML/plc/#Video>

There are a number of sound recordings at:

<http://www.arrl.org/tis/info/HTML/plc/#Audio>

The recent ARRL article explaining the FCC NOI is at:

<http://www.arrl.org/news/features/2003/06/19/2/?nc=3D1>

The FCC NOI is at:

<http://www.arrl.org/tis/info/HTML/plc/files/FCC-03-100A1.pdf=20>

The rather large BPL resource page is at:

<http://www.arrl.org/tis/info/HTML/plc>

ARRL's technical "white paper" on the subject is at:

<http://www.arrl.org/tis/info/HTML/plc/files/FCC-03-100A1.pdf=20>

Information on how to file comments:

<http://www.fcc.gov/cgb/ecfs/>

Under ECFS Main Links, click on "Submit a Filing." In the "Proceeding" = field, enter "03-104" and complete the required fields. Comments may be = typed into a form or you may attach a file containing your comments. = Comments also may be submitted via e-mail per instructions on the ECFS = page.

> Visit <http://www.arrl.org/> and spend more than 1 or 2 minutes=20
> figuring out how to help on this one. It is very bad.

It is well worth more than a few minutes. QRP would be affected more = than most, because for many of us, even a few dB more noise will make a = difference. =20

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by = membership dues, individual contributions and the sale of publications = and advertising. For more information about ARRL, go to = <http://www.arrl.org/news/features/inside-your-league.html>. For more = information about membership, go to <http://www.arrl.org/join.html>. Your = contribution can also help support ARRL's ongoing efforts to protect = Amateur spectrum. Go to = <https://www.arrl.org/forms/development/donations/basic/> to learn more = about the ways you can support the ARRL programs and activities of most = importance to you. You can help ARRL protect Amateur Radio for you and = future generations to enjoy.

> -----Original Message-----

> From: Jim Larsen [<mailto:JimLarsen2002@alaska.net>]

> Sent: Saturday, June 21, 2003 3:03 PM

> To: Low Power Amateur Radio Discussion

> Subject: ARRL article on Broadband over Power Line

>=20

>=20

> Greetings from Alaska,

>=20

> The last few days I have spent time reading the BPL=20

> information on ARRL and=20

> associated links. I listened to the recordings of what BPL=20

> does to HF receive=20
> signals. Quite frankly, it was frightening.
>=20
> If you have not gone to the BPL resource pages and read the=20
> technical data at=20
> least go listen to the effects. Once you do you will cease=20
> to be laid back=20
> about this issue. As it stands now, my take is that ham=20
> radio will cease as=20
> we know it if BPL is implemented. QRP will be over. Your=20
> only hope is to=20
> live on solar power in the middle of nowhere and talk to=20
> another station in=20
> the same condition. Nobody else will be able to hear you.
>=20
> I was so impressed I made recordings and took them to the=20
> Alaska QRP Club=20
> meeting last night. The recordings got everyone's attention=20
> in a big way.
>=20
> Visit <http://www.arrl.org/> and spend more than 1 or 2 minutes=20
> figuring out how=20
> to help on this one. It is very bad.
>=20
> 73, Jim
> --=20
> Jim Larsen, AL7FS
> Anchorage, Alaska
> <http://www.qsl.net/al7fs>
>=20
>=20
>=20
>=20

Date: Sun, 22 Jun 2003 10:06:33 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <qrp-1@lehigh.edu>
Subject: [152725] RE: Broadband on Pwr lines but no space for Amateur LF ?
Message-ID: <721D3436A7C2B344A301FD4A413C71A901735459@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

A few weeks ago, I got to thinking about the economics involved. =20

Let's conservatively assume that there are 200,000 *active* hams. How much does each operator have invested in amateur radio, on average. We have our rigs, our antennas, feed lines, auxiliary equipment, a portion of our homes devoted to ham radio, all the books, software and the cost of every single component we have ever bought in our hamming endeavors. Don't forget the cost of our study guides and any miles we drive on behalf of the things we do for amateur radio. Let's take a nice round number of \$5000.00 for a lifetime investment. =20

If you multiply those two, you come up with the amount of \$1 billion = dollars that amateurs have voluntarily invested in their pursuit of = amateur radio. This says absolutely nothing about the value of the = public service, the value of the technical contributions, the value of = having RF engineers like me who are better engineers because of amateur = radio, the value of having folks who would otherwise just be Joe Public = having learned more about modern technology.

Right now, the ARRL TISFIND database = (<http://www.arrl.org/tis/tisfind.html>) has over 2,000 companies who make = and sell products of interest to amateur radio operators. Some of these = companies are full-time, with lots of employees (ARRL, home gear = manufacturers, etc.). Others are smaller, ranging down to "cottage = industry" and others have only a portion of their business devoted to = amateur radio. How many jobs does amateur radio contribute to our = economy? How many small businesses? =20

Yes, compared to the multitrillion-dollar economy, this is small change, = but a billion dollars seems like a lot to me! Right now there are 4 = major BPL manufacturers in the US, and I have visited one and don't = believe they have more than a dozen employees. Twelve X four vs 120 = jobs at ARRL HQ alone? If this were to be resolved on economics alone, = we may not be coming from as weak a position as we think!

73,=20

Ed Hare, W1RFI

> -----Original Message-----

> From: Dale Botkin [mailto:dale@botkin.org]

> Sent: Saturday, June 21, 2003 11:08 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Broadband on Pwr lines but no space for Amateur LF ?

>=20

>=20

> On Sat, 21 Jun 2003 W0rw@aol.com wrote:

>=20

> > Doesn't it seem strange that hams can't be given a few Khz=20

> on LF away from

> > the power lines and the Broadbanders get to shoot the whole spectrum
> > down the wires ?
>=20
> How much does your Washington lobbyist get paid? Not as much=20
> as the cable
> and media companies'.
>=20
> Strange? Doesn't seem strange to me. Disgusting, and a few=20
> other terms
> come to mind, but unfortunately not strange. Hopefully=20
> bigger fish than
> us (military, etc) will kill this so we don't have to fight it alone.
>=20
> Dale - N0XAS
> --=20
> It's a thankless job, but I've got a lot of Karma to burn off.
> Get a PicoKeyer: <http://www.hamgadgets.com>
>=20
>=20

Date: Sun, 22 Jun 2003 10:16:40 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <don@azark.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152726] RE: ARRL article on Broadband over Power Line available on the
ARRL page
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F3284@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The Comment date is July 7. Right after QST was sent to the printer, we =
got the Erratum that had been published in the Federal Register.

73,=20
Ed Hare, W1RFI
> -----Original Message-----
> From: Don Jackson (AE5K) [<mailto:don@azark.com>]
> Sent: Saturday, June 21, 2003 10:28 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: ARRL article on Broadband over Power Line=20
> available on the
> ARRL page
>=20

>=20
> Ed, Rick, et al...
>=20
> Thanks for the alert and elevating the status of the article on the=20
> web. However, there seems some confusion as to the comment deadline=20
> date ... Ed has responded to my previous email question on this and=20
> indicated July 7 and that seems to be the date and indicated in the=20
> web article --- BUT, Rick in his "Happenings" column indicates:
>=20
> "Comments are due August 6, with Reply Comments by September 5."
>=20
> [July QST, page 68, left column, 2nd paragraph from bottom]
>=20
> Did I miss the correction to the latest QST? I'd hate to think that=20
> some hams missed the deadline due to this.
>=20
> Also, at this point, will our concerns being made known to our=20
> congress reps help or hinder? Or is this best left until "later"?
>=20
> 73,
> Don AE5K
>=20
> On 20 Jun 2003 at 11:09, Hare,Ed, W1RFI wrote:
>=20
> > It's done. We now feature BPL and the 60 M stuff in the=20
> Attention All
> > Amateurs box on the page. If your browser has cached the page, do a
> > refresh.=20
> >=20
> > 73,=20
> > Ed Hare, W1RFI
> > ARRL Lab
> >=20
> > > -----Original Message-----
> > > From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On
> > > Behalf Of Alex Sent: Friday, June 20, 2003 10:41 AM To: Low Power
> > > Amateur Radio Discussion Subject: Re: ARRL article on=20
> > Broadband over
> > > Power Line available on the ARRL page
> > >=20
> > > May I suggest to make the article you refer to, an "Attention All
> > > Amateurs" feature?=20
> > >=20
> > > The article is already being snowed under, so to speak, on=20
> > > the main page
> > > by other articles. I think the urgency, which is stressed by=20
> > > the article
> > > and the request for money, and the fact that this issue has a

> > > deadline would warrant a more prominent place than a FAQ on how to
> > > use 5 frequencies in the 60 meter band. The FAQ may=20
> become obsolete
> > > soon if the BPL industry gets its way and interference issues are
> > > not addressed appropriately. (especially since 60 meters=20
> has a power
> > > limitation for us hams)
> > >=20
> > > Thanks and 73,
> > > --Alex KR1ST
> > >=20
> > >=20
> > > "Hare,Ed, W1RFI" wrote:
> > > >=20
> > > > Ladies and gentlemen:
> > > >=20
> > > > ARRL has just posted an article that explains the issues on the
> > > > FCC
> > > Notice of Inquiry on Broadband over Power Line technology. =20
> > > As a regular
> > > poster on this forum, I urge you all to read the article and then
> > > file comemnts with the FCC.
> > > >=20
> > > > See:
> > > >=20
> > > > <http://www.arrl.org/news/features/2003/06/19/2/?nc=3D1>
> > > >=20
> > > > for the overview article. More technical details about BPL=20
> > > are found
> > > at:
> > > >=20
> > > > <http://www.arrl.org/tis/info/HTML/plc/files/C63NovPLC.pdf>
> > > >=20
> > > > A very comprehensive resource page has been posted at:
> > > >=20
> > > > <http://www.arrl.org/tis/info/HTML/plc>
> > > >=20
> > > > 73, Ed Hare, W1RFI
>=20
>=20
>=20
>=20

Date: Sun, 22 Jun 2003 10:04:18 -0500
From: "George, W5YR" <w5yr@att.net>
To: <rburton2@midsouth.rr.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [152727] Re: Force 12 Vertical Question
Message-ID: <002301c338cf\$8ef3bd70\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark, if you can squeeze in an 88 ft long antenna in place of the 40 meter dipole (67 ft) and feed it with ladder line, you will have an excellent single antenna that can be tuned from 80 through 10 meters. It will show some gain on 20 meters and above.

You can make this antenna for probably \$20 tops and it will equal and usually outperform any of the multi-hundred-dollar "all-band" wonders.

I am sure that others on the list will attest to the prowess of the 88 ft 20-meter EDZ as an all-around all-band antenna. I use two of them, mounted at right angles for instant pattern switching. LB Cebik also has some nice things to say about the EDZ antenna on his webpages.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: "Mark" <rburton2@midsouth.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, June 22, 2003 8:54 AM
Subject: Force 12 Vertical Question

> All,
>
> I live in a restricted community. I run QRP with a 40 and a 20 meter dipole.
> I would like to buy an antenna that will allow me to operate on more of the
> bands.
>
> I am intrigued by the Force 12 Sigma 40XK (rebuild for each band change) and

> the Force 12 Sigma 5.
>
> I have never heard anyone on the air with either. Any opinions out there
on
> performance and quality of construction? Force 12 or Gap?
>
> Thank you,
>
> Mark
>

Date: Sun, 22 Jun 2003 09:30:12 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [152728] F/S Icom IC-T90A, Like New
Message-ID: <000501c338d3\$2cbbb5a0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

\$230 Shipped CONUS.

Like new condition, with all Icom supplied accessories. Picture @:
<http://www.frii.com/~rwc/fs/t90.JPG>

Bought in a weak moment at Dayton. (Hard to resist buying stuff at
Dayton, with so much stuff available! :-) Used only an hour or two.

73, Rod N0RC

Date: Sun, 22 Jun 2003 08:28:43 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: <leon_heller@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152729] RE: MC724P
Message-ID: <000001c338d2\$fa46fdf0\$1002a8c0@TrabucoIan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 7bit

Thanks to all who replied. If anyone can use a couple of these please let me know off-list.

--ian

Date: Sun, 22 Jun 2003 10:29:36 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-l@lehigh.edu
Subject: [152730] New 5 MHz freq and antennas
Message-ID: <Pine.LNX.4.44.0306221011270.1756-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As most of you know, on July 4th we hams get the new 60 meter band. I calculated the actual 5 frequencies and set them up in memory on my FT-817. I have already opened it up so it will transmit on any frequency it can receive.

In my car it is perfect because I have a screwdriver tuned antenna and a automatic tuner near the radio. So I needed to mark the place where 80, 75, 60, 40 ect. are located so I can get close easy and the tuner will take over and get it perfect.

The interesting thing about this was the fact that I could hear a sudden raise in the noise level when I tuned to every band except 60 meters. For 60 meters I had to guess because the noise did not peak like the other bands.

I tested and I can tune to 60 meters and the band sounds a lot quieter than say 80 meters. Could be my receiver is not as sensitive due to a filter cut off or something like that. But I did get a full 5 watts to the antenna on the band. I'm sure my radiated power is far below the max which is 50 watts into a dipole at undisclosed height above ground.

Will be on the new band the moment it opens.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 20 Jun 2003 00:14:24 -0400
From: Alex <kr1st@amsat.org>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [152731] Re: Broadband on Pwr lines but no space for Amateur LF ?
Message-ID: <3EF28A20.FA5B176B@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Hare,Ed, W1RFI" wrote:

>

> A few weeks ago, I got to thinking about the economics involved.

Exactly! And even on an international scale we play a big role. As QRPers we pretty much keep Altoids in business, too! :)

73,

--Alex KR1ST

Date: Sun, 22 Jun 2003 11:16:14 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>
Subject: [152732] Truffle / Fox Hunts
Message-ID: <011e01c338d9\$9b072020\$0077da0c@mchsi.com>

Ladies and Gentlemen:

It is my pleasure to be your first Truffle today.

I will be on 14.062 and I will NOT be working a split freq. At this time, no one has stepped up to take the second half of today's Truffle. Barring an announcement otherwise, I will continue until 22:00.

Hope to hear everyone on today.

72 oo Jerry NOJRN
FP # 546, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. <http://home.mchsi.com/~nojrn/>
MP + # 8, K 1 # 608, SW 20 +, TT 1340, RM 20 &
40, Tiny Tornado 20, 30, 40, 80, SMK - 1

and so on and so on

Date: Sun, 22 Jun 2003 13:18:57 -0400
From: "Emmerson Bigguns" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Message-ID: <MMEDLKDLONJOAIGICDJAGEGGEHAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey gang,
I have an assembled OHR WM2 QRP watt meter in REAL good condition for sale.
Comes with an external power cord and the manual.

\$65.00 shipped CONUS.

72, oo
Dan, N8IE
FPqrp #-6, QRP-1 #1404, FISTS #4985

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.489 / Virus Database: 288 - Release Date: 6/10/2003

Date: Sun, 22 Jun 2003 13:44:10 -0400 (EDT)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-1@lehigh.edu
Subject: [152734] Re: [152659] Re: QRP windmill
Message-ID: <200306221744.h5MHiAe01999@panix1.panix.com>

Different bicycle light generators have different efficiencies, and bicyclist have evaluated them, but I can't locate any of those evaluations right now. Hub generators are generally better than tire driven versions. It's getting to be moot, with LED bicycle lights, though.

73, doug

Date: Sun, 22 Jun 2003 18:43:17 +0100
From: <G0BPS@clara.co.uk>
To: <qrp-1@lehigh.edu>, <GQRP@yahoogroups.com>
Subject: [152735] Our International QRP Day story
Message-ID: <005701c338ec\$b0536ac0\$c24d08c3@main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Well guys, Peter (PE1MH0) and I (G0BPS) arrived at our stately home in Gartcarron 9 miles north of Glasgow on Saturday 14th June for a week's holiday and a little bit of radio.

The equipment taken was IC703, IC706 ATU (x2)
40m Doublet, 40m 1/4 wave Vertical, 20 loop on 10m pole.
Long wire + Counterpoise. 2 x laptop computers, sundry other bits.

Pretty much enough to cover the bands you might think?
Call used was MM3ECN, Peters UK QRP call.

Unfortunately we had missed the power lines over the back of the house on the reccy. This, or something very near gave a sweep of noise across the bands every couple of minutes or so.

Apart from almost every band being flat, dead or just plain deserted we managed a total of about 12 QSO's in our time slot.
80m - dead, 40m a few locals, 20m a few EU 's, all above dead.

On the way up I found out whilst staying with George G3RJV that Sunday 15th was also Practical Wireless' QRP Contest on 2m. So up went a 2m quad on top of my 10 pole during Sunday.

Local repeater was S5 but can't work through repeaters can we!
Nothing else heard.

Peter's new IC703 died too!

A Disaster? No, we had a lot of fun and explored a lot of great countryside.

Do it again ???

NEVER! Not there anyway!

Dick Pascoe G BPS
Vice President QRP-ARCI.
SSB & Data manager G-QRP Club

All mail from me is checked by Norton
before posting and is (hopefully) Virus Free.

Date: Sun, 22 Jun 2003 14:23:47 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-l@lehigh.edu
Subject: [152736] Fox: Todays hunt
Message-ID: <Pine.LNX.4.44.0306221417290.1861-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Last sunday our inside cat got outside and I was looking for it
through the Fox Hunt. Today I plan again to be a strong participant and
work both Fox. My gear is a FT-817 feeding an old TH6DXX beam at 60
feet. The beam has a real 6 Db gain. So I should sound like a 20 watt
signal to the Fox. Listen for me. I will also try for the truffel
station too.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 22 Jun 2003 15:21:28 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>
Subject: [152737] Lots of QRM
Message-ID: <014f01c338fb\$dd93bee0\$0077da0c@mchsi.com>

Folks: Lots of QRM on 14.062 I'm moving up for the Truffle.

Jason (N0SG) is taking the second 15 minutes of the truffel and
will be somewhere around 14.055

G L to all

73 Jerry N0JRN
FP # 546, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &
40, Tiny Tornado 20, 30, 40, 80, SMK - 1
and so on and so on

Date: Sun, 22 Jun 2003 16:08:09 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [152738] First Truffle log
Message-ID: <015701c33902\$6281d6e0\$0077da0c@mchsi.com>

My thanks to all who stopped by freq this afternoon.
Much better results this week than last.

I'm sorry I didn't get you all but seems 15 minutes is a bit short to
dig everyone out.

1. N7MFB (Ya slipped in ahead of the gang Bill)
2. W5YR (Nice signal George)
3. K5DI (Karl, nice surprise, tnx)
4. NA8M (Tnx John = faded on the tail end)
5. W5KDJ (Wayne tnx for hangen around for the
 truffle.)
6. N5ZE (Lew, tnx for working with me and
 my sloppy fist)
7. W7ILW (Hi Howard, Tnx for the second Truffle
 contact)
8. KK5NA (Nice signal Joe)

I know there were at 4 others that I missed that were down in the mud.
Seems the propagation was running into the SW. Those folks were big
signals today.

73 / 72

Tnx to all for the contacts and the effort.

Jerry N0JRN
FP # 546, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &

40, Tiny Tornado 20, 30, 40, 80, SMK - 1
and so on and so on

Date: Sun, 22 Jun 2003 17:07:26 -0500
From: Mark Fields <mark_ke5my@juno.com>
To: hqrp@stevens.com, qrp-1@lehigh.edu, fpqrp-1@mpna.com,
njqrp@njqrp.org, klqrp@knightlites.org
Subject: [152739] OT: I've got a virus and can't get rid of it--HELP!
Message-ID: <20030622.170737.-116999.0.mark_ke5my@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, everyone:

My Dell computer has a virus in a file that Windows Me won't allow me to remove or delete, my anti-virus program (AVG for Windows, Free Edition) can't "heal" the file, and Win Me's "System Restore" feature can't restore the computer to an earlier date. Can anyone tell me what I can do to get rid of this virus? TIA.

73, Mark, KE5MY

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 22 Jun 2003 18:15:11 -0400
From: "Joe Roof" <jroof@mindspring.com>
To: <qrp-1@lehigh.edu>
Subject: [152740] Re: New 5 MHz freq and antennas
Message-ID: <001301c3390b\$bfc0e860\$6401a8c0@joe>

Karl,
Sounds to me like you've already been on the band....but maybe testing doesn't count!
Joe, w4jhr

Subject: New 5 MHz freq and antennas
From: Karl Larsen (k5di@msn.com)

Date: Sun Jun 22 2003 - 12:29:36 EDT

...

I tested and I can tune to 60 meters and the band sounds a lot quieter than say 80 meters. Could be my receiver is not as sensitive due to a filter cut off or something like that. But I did get a full 5 watts to the antenna on the band. I'm sure my radiated power is far below the max which is 50 watts into a dipole at undisclosed height above ground.

Will be on the new band the moment it opens.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions

Date: Sun, 22 Jun 2003 16:25:26 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-1@lehigh.edu
Subject: [152741] Fox: Got 1 and the truffle
Message-ID: <Pine.LNX.4.44.0306221620380.2071-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well big signals here from the truffle N0JRN Jerry, and I got tuned up and the beam pointed east and Dave N0IT was loud. I caught him right out of the barn. But Tom is too close. I can hear Hounds calling him but not a peep.

Will keep listening and hoping the sun will do something good.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 22 Jun 2003 17:23:54 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [152742] FOX spots
Message-ID: <41200360222223545@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Don't know whether this posting will be timely, but just in case here goes [g]. Both FOXes can be heard here in Bismarck this afternoon. Tom AC7A is up to 589 at times. He is on 14.062. Dave N0IT is 559/QSB, on 14.055. He is calling CQ FOX at 2224Z. Best wishes everyone for a great afternoon of FOX hunting.

73,
--Doc/K0EVZ

Date: Sun, 22 Jun 2003 17:44:08 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <mark_ke5my@juno.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [152743] Re: I've got a virus and can't get rid of it--HELP!
Message-ID: <000e01c3390f\$cb015260\$0300a8c0@DFPTZS21>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You might try the Symantic (Norton) Security Threat web pages..... if you know what the virus is they most likely have a removal tool in the download section. You might try running their web based av program too if they still have it activated... <http://securityresponse.symantec.com/>

Go to "downloads" then "removal tools"

Mike, W9WIS

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA
EN54pc

Date: Sun, 22 Jun 2003 16:47:18 -0600
From: Michael Taddeo <mike.taddeo@shaw.ca>
To: Fox Hunt <qrp-l@lehigh.edu>
Subject: [152744] This afternoon
Message-ID: <3EF631F6.BAA27954@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Well hope everyone was able to skin the foxes this afternoon.
No problems getting Tom AC7A (14.062) but Dave N0IT (14.054.873) was a
tough one. Heard him come back a few times but we have had the last 7
days hard rain and high static levels. A short break with no rain this
past 1/2 hour, was able to get them both. Hope the rest of the team was
not in a much rain as we!

What is the trufel ? I did chat with Jerry but may have been to early
to qualify. Hopefully that still counts if needed ?

Have a great afternoon all.
Mike

--

Michael Taddeo
mike.taddeo@shaw.ca
ICQ# 221086
VA6MJT
[HTTP://www.apothecarytech.ca/va6mjt](http://www.apothecarytech.ca/va6mjt)

End of QRP-L Digest 2959
